

STIC-ILL

242686

From: Harrison, Robert
Sent: Sunday, February 28, 1999 8:34 PM
To: STIC-ILL
Subject: 08/963,227 ; non-pats

Examiner : Robert H. Harrison
Art Unit : 1617
Office Location : Crystal Mall One, Room 2D17
Phone Number : 308-2422
U.S. Serial No. : 08/963,227
Type of request : Photocopy of Literature
Date of request : 2/28/99
Date Needed : Normal Priority

FIRST REFERENCE:

Title: Treatment of Hirsutism....
Authors: Lissak et al
Source: Fertil-Steril.
ISSN: 0015-0282
Volume: 51
Number: 2
Pages: 247-250
Date: Feb. 1989

NiH:

SECOND REFERENCE:

Title: Treatment of Hirsutism...
Authors: Golditch et al
Source: Obstetrics Gynecology
ISSN: 0029-7844
Volume: 70
Number: 3
Pages: 491-493
Date: Jan 1990

*3/2 - NIH
50¢ RC*

Entry 1 of 21

File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1985-267429

DERWENT-WEEK: 198543

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TITLE:

Hair growth inhibition - using ginger oil compsn.

PATENT-ASSIGNEE: TERA KADO M[TERAI]

PRIORITY-DATA: 1984JP-0035415 (February 28, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60181007 A	September 14, 1985	N/A	001	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP60181007A	N/A	1984JP-0035415	February 28, 1984

IPC: A61K007/06

ABSTRACTED-PUB-NO:JP60181007A

BASIC-ABSTRACT:Method comprises using spirit of oil of ginger, comprising cineole, zingiberone, zingiberol, methyl heptenone, linalol and borneol, and hot ingredients of ginger, comprising shogaol and zingerone. The ingredients may be obtd. synthetically. A squeezed soln. of ginger is applied to the hair, whereby undesirable growth of the hair is inhibited.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

HAIR GROWTH INHIBIT GINGER OIL COMPOSITION

DERWENT-CLASS: D21

CPI-CODES: D08-B08;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0427U;1307U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:C1985-115982

Full	Citation	Review	Classification	Date	Reference
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4.

Document ID: EP 290020 A JP 2595036 B2 JP
63287763 A LU 86865 A US 4857525 A EP
290020 B DE 3869825 G CA 1304740 C ES
2039496 T3,

Relevance Rank: 92

Entry 5 of 21

File:DERWENT

February 28, 1999

198845-07801-N
Registry Numbers
3102R 1678D

Chemical Indexing M2 *02*

Fragmentation Code

F010 F014 F018 F021 F653 G010 G011 G012 G013 G100
H141 H181 H401 H402 H403 H404 H405 H441 H481 H482
H483 H484 H600 H641 H721 J581 K0 L640 L699 L7
L721 L722 M210 M211 M212 M213 M214 M215 M216 M220
M221 M222 M223 M224 M225 M231 M232 M233 M240 M262
M273 M281 M282 M283 M311 M312 M313 M314 M315 M316
M320 M321 M322 M323 M331 M332 M333 M334 M340 M342
M343 M344 M373 M383 M391 M392 M393 M413 M414 M416
M510 M520 M521 M530 M531 M540 M620 M650 M710 M771
M903 M904 P220 P930 P943 Q252 Q261 Q263

Markush Compounds

198845-07801-N
Registry Numbers
3102R 1678D

UNLINKED-DERWENT-REGISTRY-NUMBERS:
1211S

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:C1988-139723

Full	Citation	Review	Classification	Date	Reference
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5. Document ID: WO 9012577 A AU 9051549 A EP
468969 A JP 04504572 W WO 9012577 A3,

Relevance Rank: 92

Entry 8 of 21 File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1990-348256

DERWENT-WEEK: 199046

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TITLE:

Hair growth-inhibiting topical compsn. - contg. anti-angiogenic steroid

INVENTOR:HOLLAND, J M; LAKINGS, D B

PATENT-ASSIGNEE: UPJOHN CO[UPJO]

PRIORITY-DATA: 1989US-0339836 (April 18, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9012577 A	November 1, 1990	N/A	000	N/A
AU 9051549 A	November 16, 1990	N/A	000	N/A
EP 468969 A	February 5, 1992	N/A	000	N/A
JP 04504572 W	August 13, 1992	N/A	009	A61K 031/57

WO 9012577 A3

March 19, 1992

N/A

000

N/A

DESIGNATED-STATES: AU BB BG BR CA CH FI HU JP KP KR LK MC MG MW NO RO SD SU U
S AT BE DE DK ES FR GB IT LU NL OA SE AT BE CH DE ES FR GB IT LI LU NL SE

CITED-DOCUMENTS: NoSR.Pub; 6.Jnl.Ref

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
EP 468969A	N/A	1990EP-0903703	February 20, 1990
JP04504572W	N/A	1990JP-0503780	February 20, 1990
JP04504572W	N/A	1990WO-US00812	February 20, 1990
JP04504572W	Based on	WO 9012577	N/A
WO 9012577A3	N/A	1990WO-US00812	February 20, 1990

IPC: A61K007/06; A61K031/57 ; A61K031/58

ABSTRACTED-PUB-NO:WO 9012577A

BASIC-ABSTRACT:Pharmaceutical compsn. comprises an anti-angiogenic amt. of a steroid of formula (I) or acceptable salt, and a topical carrier, where the dotted line between C1 and C2 is an opt. double bond; the bond at C6 is alpha or beta; R1 = Me or Et; R2 = H and R3 = alpha OH, 1-12C alkoxy, 1-12C alkyl-carboxyloxy, arylcarbonyloxy, -OOCN(R)2 or -O-COOR7; or R2 = alpha-C1 and R3 = beta-C1; or R2 and R3 together form -o- or a double bond; R4 = H, Me, Cl or F; R5 = H, OH, F, Cl, Br, Me, Ph, vinyl or allyl; R6 = H or Me; R9 = H, OH, Me, F or methylene (=CH2); R10 = H, OH or Me, or R10 forms a second bond between positions C16 and C17; R7 = aryl or 1-12C alkyl; R = H, 1-4C alkyl or phenyl; aryl = furyl, thienyl, pyrrolyl or pyridyl, each opt. substd. with one or two 1-4C alkyl gps.; or is -(CH2)f-phenyl where f = 0, 1 or 2 and the phenyl ring is opt. substd. with 1-3 of Cl, F, Br, 1-3C alkyl, 1-3C alkoxy, 1-3C alkylthio, CCl3, CF3, NH2 or NHAc. USE - Used for inhibiting hair growth for cosmetic or medical purposes, e.g. in hereditary or acquired hypertrichotic disorders, e.g. hypertrichos is lanuginosa, virilising and nonvirilising hirsutism and postmenopausal hypertrichosis. Hair growth returns when treatment is stopped. No skin irritation, inflammation, etc., is observed, and there is no evidence of systemic toxicity.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

HAIR GROWTH INHIBIT TOPICAL COMPOSITION CONTAIN ANTI ANGIOGENESIS STEROID

DERWENT-CLASS: B01 D21

CPI-CODES: B01-B03; B01-C03; B01-C04; B12-L02; B12-L05; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M5 *01*

Fragmentation Code

M781 M903 M904 P614 Q254 S001 S004 S009 S016 S030
S037 S132 S133 S134 S142 S143 S211 S217 S317 S506
S511 S516 S517 S521 S602 S620 S711 S730 S734 S735
S736 S738 S760 S762 S811 S830 S909 S911 T109 T111
T139 T141 T201 T206 T207 T216 T230 T231 T232 T801
T806 T807 T817 T818 T819 U000 U001 U006 U007 U016
U017 U018 U019 U030 U032 U033 U106 U136 U142 U152
U520 U580

Markush Compounds

199046-27601-U

Registry Numbers
1327U 0502U

Chemical Indexing M6 *02*
Fragmentation Code
M903 P614 Q254 R210
Registry Numbers
1327U 0502U

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:
C1990-151142

Full	Citation	Review	Classification	Date	Reference
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6. Document ID: ES 2122570 T3 WO 9524181 A1
AU 9521172 A US 5474763 A ZA 9502031 A EP
754024 A1 JP 09510210 W MX 9603923 A1 EP
754024 B1 AU 696879 B DE 69505651 E,

Relevance Rank: 92

Entry 16 of 21

File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1995-328081

DERWENT-WEEK: 199906

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TITLE:

Inhibiting hair growth in mammals - using ornithine amino transferase inhibitor, esp. for cosmetic inhibition of facial hair

INVENTOR:FUNKHOUSER, M G; SHANDER, D

PATENT-ASSIGNEE: HANDELMAN J H[HANDI], FUNKHOUSER M G[FUNKI], SHANDER DR M G[SHANI]

PRIORITY-DATA: 1994US-0212012 (March 11, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2122570 T3	December 16, 1998	N/A	000	A61K 007/06
WO 9524181 A1	September 14, 1995	E	015	A61K 007/06
AU 9521172 A	September 25, 1995	N/A	000	A61K 007/06
US 5474763 A	December 12, 1995	N/A	003	A61K 007/06
ZA 9502031 A	February 28, 1996	N/A	013	A61K 000/00
EP 754024 A1	January 22, 1997	E	000	A61K 007/06
JP 09510210 W	October 14, 1997	N/A	013	A61K 007/06
MX 9603923 A1	April 1, 1997	N/A	000	A61K 007/06
EP 754024 B1	October 28, 1998	E	000	A61K 007/06
AU 696879 B	September 24, 1998	N/A	000	A61K 007/06
DE 69505651 E	December 3, 1998	N/A	000	A61K 007/06

DESIGNATED-STATES: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU J
P KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SG
SI SK TJ TM TT UA UG US UZ VN AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL
OA PT SD SE SZ UG AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE AT BE CH D
E DK ES FR GB GR IE IT LI LU NL PT SE

CITED-DOCUMENTS: WO 8602269; WO 9421216 ; WO 9421217

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
ES 2122570T3	N/A	1995EP-0913991	March 8, 1995
ES 2122570T3	Based on	EP 754024	N/A
WO 9524181A1	N/A	1995WO-US02915	March 8, 1995
AU 9521172A	N/A	1995AU-0021172	March 8, 1995
AU 9521172A	Based on	WO 9524181	N/A
US 5474763A	N/A	1994US-0212012	March 11, 1994
ZA 9502031A	N/A	1995ZA-0002031	March 10, 1995
EP 754024A1	N/A	1995EP-0913991	March 8, 1995
EP 754024A1	N/A	1995WO-US02915	March 8, 1995
EP 754024A1	Based on	WO 9524181	N/A
JP09510210W	N/A	1995JP-0523629	March 8, 1995
JP09510210W	N/A	1995WO-US02915	March 8, 1995
JP09510210W	Based on	WO 9524181	N/A
MX 9603923A1	N/A	1996MX-0003923	September 6, 1996
EP 754024B1	N/A	1995EP-0913991	March 8, 1995
EP 754024B1	N/A	1995WO-US02915	March 8, 1995
EP 754024B1	Based on	WO 9524181	N/A
AU 696879B	N/A	1995AU-0021172	March 8, 1995
AU 696879B	Previous Publ.	AU 9521172	N/A
AU 696879B	Based on	WO 9524181	N/A
DE69505651E	N/A	1995DE-0605651	March 8, 1995
DE69505651E	N/A	1995EP-0913991	March 8, 1995
DE69505651E	N/A	1995WO-US02915	March 8, 1995
DE69505651E	Based on	EP 754024	N/A
DE69505651E	Based on	WO 9524181	N/A

IPC: A61K000/00; A61K007/06 ; A61K007/15 ; A61K007/155 ; A61K031/19

ABSTRACTED-PUB-NO:EP 754024B

BASIC-ABSTRACT:Mammalian hair growth is inhibited by applying to a selected area of the skin a compsn. contg. an inhibitor (I) of ornithine aminotransferase (OAT). Also new are compsns. contg. (I) and a dermatological vehicle or carrier. Compsns. are partic. used in cosmetics to inhibit hair growth on the face. (I) partic. inhibit androgen stimulates hair growth, e.g. in cases of female hirsutism. (I) is pref. 6-fluoro-2,5-diamino hexanoic acid; (S)-2-amino-4-amino oxy-butyric acid or 3-amino-2,3-dihydro benzoic acid (which are irreversible inhibitors). These contain 1-30% (I) plus a spreadable vehicle or carrier. (I) is applied at 100-3000 mug/cm² of skin, typically once or twice a day for at least 3 months. The treatment causes a redn. in growth of at least 30 (best at least 70)% in the Golden Syrian hamster assay.

ABSTRACTED-PUB-NO:US 5474763A

EQUIVALENT-ABSTRACT:Mammalian hair growth is inhibited by applying to a selected area of the skin a compsn. contg. an inhibitor (I) of ornithine aminotransferase (OAT). Also new are compsns. contg. (I) and a dermatological vehicle or carrier. Compsns. are partic. used in cosmetics to inhibit hair growth on the face. (I) partic. inhibit androgen stimulates hair growth, e.g. in cases of female hirsutism. (I) is pref. 6-fluoro-2,5-diamino hexanoic acid; (S)-2-amino-4-amino oxy-butyric acid or 3-amino-2,3-dihydro benzoic acid (which are irreversible inhibitors). These

DERWENT-ACC-NO: 1988-322644

DERWENT-WEEK: 198845

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TITLE:

Hair growth inhibitor compsn. contg. substd. guanidine or amidine - for topical treatment of mammals including humans

INVENTOR:CIPKUS, L A; MEISHERI, K D

PATENT-ASSIGNEE: UPJOHN CO[UPJO]

PRIORITY-DATA: 1987US-0041708 (April 23, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8808295 A	November 3, 1988	E	008	N/A
AU 8813688 A	December 2, 1988	N/A	000	N/A

DESIGNATED-STATES: AU DK FI JP KR NO US AT BE CH DE FR GB IT LU NL SE

CITED-DOCUMENTS: EP 96521; US 4007181

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
WO 8808295A	N/A	1988WO-US00400	February 17, 1988

IPC: A61K007/06

ABSTRACTED-PUB-NO:WO 8808295A

BASIC-ABSTRACT:A topical compsn. for inhibiting the growth of mammalian hair comprises a substd. amidine or guanidine of formula (I) and a vehicle for topical application where R1 and R2 independently = 5-7C adamantyl or cycloalkyl; R3 and R4 together with the N atom form a satd. pyrrolidono, piperidino, hexamethyleneimino, piperazino, N-(1-3C)alkylpiperazino, morpholino or thiomorpholino heterocyclic ring. Cpd. (I) is pref. (pref.) N-1-adamantyl-N'-cyclohexyl -4-morpholinecarboxa midine. USE/ADVANTAGE - The compsn. of the invention inhibits the growth of unwanted hair on mammals including humans and can be readily administered by a physician or veterinary surgeon.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

HAIR GROWTH INHIBIT COMPOSITION CONTAIN SUBSTITUTE GUANIDINE AMIDINE TOPICAL TREAT MAMMAL HUMAN

DERWENT-CLASS: B03 C02 D21

CPI-CODES: B07-H; B12-L02; B12-M02F; C07-H; C12-L02; C12-M02F; D08-B;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

F011 F014 F423 F433 F443 F553 F653 F740 G030 G031
G039 G060 G553 G563 G573 G599 G740 G799 H181 H2
H201 H211 K0 L2 L250 M1 M126 M137 M210 M211

Full	Citation	Review	Classification	Date	Reference
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17. Document ID: JP 05025027 A,
Relevance Rank: 89

Entry 12 of 21

File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1993-080307

DERWENT-WEEK: 199310

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TITLE:

Hair growth inhibitor having high safety to skin - contains extract of
Ikurinin and/or seeds of Trichosanthes cucumeroides maxim, cucurbitacea e
and its analogues

PATENT-ASSIGNEE: KOSE KK[KOSEN]

PRIORITY-DATA: 1991JP-0172351 (July 12, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 05025027 A	February 2, 1993	N/A	004	A61K 007/15

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP05025027A	N/A	1991JP-0172351	July 12, 1991

IPC: A61K007/155

ABSTRACTED-PUB-NO:JP05025027A

BASIC-ABSTRACT:The inhibitor contains the extract of Ikurinin (seeds of
Japanese apricot, Prunus mume Sieb. etc. Zucc., Rosaseae, and its
analogues) and/or the seeds of Trichosanthes cucumeroides Maxim.,
Cucurbitaceae, and its analogues. The blend ratio of the extract(s), based
on the dry solid content, is, e.g. 0.0001-10.0 wt.%. USE - The inhibitor
has a high inhibiting effect and high safety without damage to the skin.

TITLE-TERMS:

HAIR GROWTH INHIBIT HIGH SAFETY SKIN CONTAIN EXTRACT SEED MAXIM CUCURBIT
ANALOGUE

DERWENT-CLASS: D21

CPI-CODES: D08-B; D08-B07;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:C1993-035773

Full	Citation	Review	Classification	Date	Reference
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WEST 1.0[Help](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show WS Numbers](#) [Edit WS Numbers](#)**Search Results - Record(s) 21 through 21 of 21 returned.**

21. Document ID: JP 10139640 A,

Relevance Rank: 89

Entry 21 of 21 File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1998-357395

DERWENT-WEEK: 199831

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TITLE:

Agent for inhibiting growth of hair

PATENT-ASSIGNEE: KAO CORP[KAOS]

PRIORITY-DATA: 1996JP-0295036 (November 7, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 10139640 A	May 26, 1998	N/A	006	A61K 007/15

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP10139640A	N/A	1996JP-0295036	November 7, 1996

IPC: A61K007/00; A61K007/155

ABSTRACTED-PUB-NO:JP10139640A

BASIC-ABSTRACT:Agent for inhibiting growth of hair, comprises compound of formula (I). R1 = 1-4C alkyl, and R2 = hydroxyalkyl, alkenyl or phenyl.

ADVANTAGE - High hair-growth inhibiting effect can be attained.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

AGENT INHIBIT GROWTH HAIR

DERWENT-CLASS: B02 D21 E13

CPI-CODES: B06-D06; B06-E02; B14-R02; D08-B07; E06-D06; E06-E02;

CHEMICAL-CODES:

Entry 20 of 21

File:DERWENT

February 28, 1999

DERWENT-ACC-NO: 1998-357394

DERWENT-WEEK: 199831

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TITLE:

Hair growth inhibitors - comprises effective crude drugs of *Pleione* sp.,
Curcuma longa L. or *Diopyros kaki*

PATENT-ASSIGNEE: KAO CORP[KAOS]

PRIORITY-DATA: 1996JP-0295035 (November 7, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 10139639 A	May 26, 1998	N/A	006	A61K 007/15

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP10139639A	N/A	1996JP-0295035	November 7, 1996

IPC: A61K007/00; A61K007/155 ; A61K007/48 ; A61K035/78

ABSTRACTED-PUB-NO:JP10139639A

BASIC-ABSTRACT:Hair growth inhibitors comprises effective crude drugs of
Pleione sp., *Curcuma longa* L., *Diopyros kaki* L.f., *Angelica dahurica* Benth
et Hooker, *Pistia stratiotes* L., *Polygonum multiflorum* Thunb., *Angelica*
acutiloba Kitagawa, *Atractylodes lancea* De Candolle, *Commiphora molmol* Engl.
and *Balsamodendron ehrenbergianum* Berg., *Rubia cordifolia* L., *Tussilago*
farfara L., *Glycyrrhiza uralensis* Fisher, *G. Glabra* L., *Isodon japonicus*
(Burm.) Hara, *Hizikia fusiforme* Okamura, *Gracilaria bursa-pastris* Silva or
G. compressa Greville, *Champia parvula* J.Agardh, *Gracilaria verrucosa*
Papenfuss or *G. confervoides* Greville, *Sargassum riggoldianum* Harvey and *S.*
tortile C. Agardh or their extracts used for cosmetics, hair remover, and
lotions before, during and after shaving and after removal of hair.

ADVANTAGE - Safe inhibitors for hair growth.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

HAIR GROWTH INHIBIT COMPRISE EFFECT CRUDE DRUG SPECIES CURCUMA LONGA KAKI

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-B02; D08-B03;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M781 M903 Q252 Q254 V400 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

C1998-109888

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:660913 CAPLUS
 DN 125:293042
 TI Use of angiogenesis suppressors for inhibiting hair growth
 IN Ahluwalia, Gurpreet S.; Styczynski, Peter; Shander, Douglas
 PA Handelsman, Joseph H., USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-48
 CC 1-12 (Pharmacology)
 Section cross-reference(s): 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9626712	A2	19960906	WO 96-US2790	19960227
	WO 9626712	A3	19961121		
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML			
	CA 2213404	AA	19960906	CA 96-2213404	19960227
	AU 9653009	A1	19960918	AU 96-53009	19960227
	EP 812185	A2	19971217	EP 96-909552	19960227
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE			
	BR 9607060	A	19981215	BR 96-7060	19960227
	JP 11501035	T2	19990126	JP 96-526415	19960227
PRAI	US 95-396446		19950228		
	WO 96-US2790		19960227		

AB A method of inhibiting hair growth in a mammal includes applying, to an area of skin from which reduced hair growth is desired, a dermatol. acceptable compn. contg. a non-steroidal suppressor of angiogenesis. The effective compds. include sulfotransferase inhibitors, heparin binding antagonists, Cu chelators, histidine decarboxylase inhibitors, mast cell degranulation inhibitors, histamine receptor antagonists, ACE inhibitors, **angiotensin II** receptor antagonists, prostaglandin synthetase inhibitors, NK1 receptor antagonists, PAF receptor antagonists, and cytochrome P 450 reductase inhibitors. A topical prepn. contg. 10 % bathocuproine, was applied to male intact Golden Syrian hamsters; hair growth was inhibited by 81 %.

ST angiogenesis suppressor hair growth inhibition; **hirsutism**
 angiogenesis inhibitor; topical prepn bathocuproine hair growth inhibition

IT Hair preparations

Hirsutism

(angiogenesis suppressors for inhibiting hair growth)

IT Protamines

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(angiogenesis suppressors for inhibiting hair growth)

IT Mast cell

(degranulation inhibitors; angiogenesis suppressors for inhibiting hair growth)

IT Blood vessel

(formation of; angiogenesis suppressors for inhibiting hair growth)

IT Proteoglycans, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (heparin-contg., antagonists; angiogenesis suppressors for inhibiting hair growth)

IT Pentosans
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (sulfates, angiogenesis suppressors for inhibiting hair growth)

IT Kinin receptors
 Receptors
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (tachykinin NK1, antagonists; angiogenesis suppressors for inhibiting hair growth)

IT Glycoproteins, specific or class
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (thrombospondins, angiogenesis suppressors for inhibiting hair growth)

IT Pharmaceutical dosage forms
 (topical, angiogenesis suppressors for inhibiting hair growth)

IT 67-43-6, Diethylenetriamine pentaacetic acid 83-89-6, Quinacrine
 91-81-6, Tripelennamine 113-92-8 120-80-9, 1,2-Benzenediol,
 biological
 studies 1398-62-5, Chitin sulfate 1845-11-0, Nafoxidine 3316-09-4,
 p-Nitrocatechol 4431-00-9, Aurintricarboxylic acid 4733-39-5,
 Bathocuproine 7491-74-9, **Piracetam** 10540-29-1, Tamoxifen
 12772-57-5, Radicicol 15826-37-6, Cromoglycate 18550-55-5, Hyponitric
 acid 21829-25-4, **Nifedipine** 23110-15-8, Fumagillin
 23593-75-1, **Clotrimazole** 24280-93-1, Mycophenolic acid
 25614-03-3, Bromocryptine 37270-94-3, Platelet factor-4 38096-31-0D,
 Diaminoanthraquinone, derivs. 50679-08-8, Terfenadine 51481-61-9,
 Cimetidine 52698-84-7, Bathocuproinesulfonate 57381-26-7, Irsogladine
 65899-73-2, **Tioconazole** 70050-43-0, .alpha.-
 Fluoromethylhistidine 75847-73-3, **Enalapril** 76547-98-3,
Lisinopril 84088-42-6, Linomide 110590-61-9 114798-26-4,
 Losartan 126509-46-4, Eponemycin 129912-34-1 135911-02-3
 182930-58-1
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (angiogenesis suppressors for inhibiting hair growth)

IT 51-45-6, Histamine, biological studies 11128-99-7, **Angiotensin**
 II 33507-63-0, Substance P 65154-06-5, Platelet activating factor
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (antagonists; angiogenesis suppressors for inhibiting hair growth)

IT 9015-82-1, **Angiotensin**-converting enzyme 9023-09-0,
 Sulfotransferase 9024-61-7, Histidine decarboxylase 9039-06-9,
 Cytochrome P450 reductase 9055-65-6, Prostaglandin synthetase
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (inhibitors; angiogenesis suppressors for inhibiting hair growth)